

COMPENSATED INFRARED ABSORPTION
SENSOR FOR CARBON DIOXIDE
AND OTHER INFRARED ABSORBING GASES

ABSTRACT OF THE DISCLOSURE

A gas sensor, whose chamber uses filters and
choppers in either a semicircular geometry or annular
geometry, and incorporates separate infrared radiation
5 filters and optical choppers. This configuration
facilitates the use of a single infrared radiation source
and a single detector for infrared measurements at two
wavelengths, such that measurement errors may be
compensated.

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